

FLOW METER SA 91



This series of instruments has been designed to measure the flow of liquids.

The measurable flow rates range from a fraction of m^3/h to 50 m^3 , with an accuracy of 1% of the full scale value. The sensitivity of the instruments is also high: a flow corresponding to 1/10 of the nominal value can be measured.

These instruments can be used with liquids with a wide range of chemical and physical properties. They do not require any particular maintenance. Internal cleaning is easy because the surfaces in contact with the liquid are smooth.

The kinometers are placed in the waterproof part of the instrument, outside the liquids, because the signal from the sensitive element to the kinometer is transmitted by means of a magnetic field. The instruments are particularly suitable when strict sanitary measures must be observed.

TECHNICAL DATA

Accuracy: $\pm 1\%$ of the full scale.

Maximum operating temperature: liquid temperature from 10°C to 300°C .

Scale length: 120 mm.

The instrument must be positioned vertically.

Construction materials: Contact parts are made of AISI 316 steel. Indicator housing AISI 304. Indicator housing

tightness degree IP55.

Connection: DN - SMS - CLAMP - GAS Flanged PN 10 - PN 16 - UNI 2223.

Housing IP55: Ø 150 mm

Lt/h range:

DN 25 - 100-1000

DN 25 - 200-2000

DN 40 - 200-2000

DN 40 - 300-3000

DN 40 - 500-5000

DN 50 - 800/8000

DN 50 - 2000-16000

DN 65 - 2500-25000

DN 80 - 5000-50000